	Learning to	Fly: The Wright B	rother's Adventure					
	<u> </u>	2005 Scienc						
Content Standards								
Hawaii Science								
Grade 6								
Activity/Lesson	State	Standards						
1901: The First			Describe examples of how forces affect an					
Improvement	HI	SCI.6.SC.6.7.1	object's motion					
			Formulate a testable hypothesis that can be					
New Data	HI	SCI.6.SC.6.1.1	answered through a controlled experiment					
1904: Improvement			Describe examples of how forces affect an					
in Dayton	HI	SCI.6.SC.6.7.1	object's motion					
	<u> </u>							
	Learning to		rother's Adventure					
2005 Science Content Standards								
Hawaii Science			arus					
Grade 7								
Activity/Lesson	State	Standards						
Activity/Lesson	State	Standards	Design and safely conduct a scientific					
			investigation to answer a question or test a					
The Society	н	SCI.7.SC.7.1.1						
The Society		301.7.30.7.1.1	пурошезіз					
	Learning to	Fly: The Wright B	rother's Adventure					
	Learning to	2005 Scienc						
		Content Standa	-					
Hawaii Science								
Grade 8								
Activity/Lesson	State	Standards						
			Communicate the significant components of					
			the experimental design and results of a					
New Data	HI	SCI.8.SC.8.1.2	scientific investigation					
			Communicate the significant components of					
1904: Improvement			the experimental design and results of a					
in Dayton	HI	SCI.8.SC.8.1.2	scientific investigation					
-								
	Learning to	Fly: The Wright B	rother's Adventure					
		2005 Scienc	e					
		Content Standa	ards					
Hawaii Science								
Grades 9-12 (Physic								
Activity/Lesson	State	Standards						
			Apply the laws of motion to determine the					
1901: The First		SCI.9-	effects of forces on the linear motion of					
Improvement	HI	12.SC.PS.7.1	objects					
1901: The First		SCI.9-						
Improvement	HI	12.SC.PS.7.2	Use vectors to explain force and motion					
			Design and safely implement an experiment,					
			including the appropriate use of tools and					
		SCI.9-	techniques to organize, analyze, and validate					
New Data	HI	12.SC.PS.1.2	data					

1904: Improvement		SCI.9-	Communicate the components of a scientific
in Dayton	н	12.SC.PS.1.5	investigation, using appropriate techniques
			Apply the laws of motion to determine the
1904: Improvement		SCI.9-	effects of forces on the linear motion of
in Dayton	н	12.SC.PS.7.1	objects
1904: Improvement		SCI.9-	,
in Dayton	НІ	12.SC.PS.7.2	Use vectors to explain force and motion
1904: Improvement		SCI.9-	Explain the magnetic and electric forces in
in Dayton	HI	12.SC.PS.7.4	the universe
	Loarning	to Ely: The Wright F	Brother's Adventure
	Learning	2005 Scien	
		Content Stand	
Hawaii Science			
Grades 9-12 (Physic	cs)		
Activity/Lesson	State	Standards	
		SCI.9-	Communicate the components of a scientific
The Society	HI	12.SC.PH.1.5	investigation, using appropriate techniques
			Analyze motion in terms of position, time,
		SCI.9-	velocity and acceleration, both quantitatively
1900: Kitty Hawks	HI	12.SC.PH.4.4	and qualitatively
1901: The First		SCI.9-	Communicate the components of a scientific
Improvement	н	12.SC.PH.1.5	investigation, using appropriate techniques
1901: The First	1	SCI.9-	Solve two-dimensional problems involving
Improvement	н	12.SC.PH.4.3	balanced forces (i.e., statics)
•			Analyze motion in terms of position, time,
1901: The First		SCI.9-	velocity and acceleration, both quantitatively
Improvement	HI	12.SC.PH.4.4	and qualitatively
			Resolve two dimensional vectors into their
			components, and use the resultant vectors to
1901: The First		SCI.9-	solve problems involving force and motion,
Improvement	HI	12.SC.PH.4.7	both graphically and quantitatively
			Design and safely implement an experiment,
		SCI.9-	including the appropriate use of tools and techniques to organize, analyze, and validate
New Data	ні	12.SC.PH.1.2	data
TNOW Data		12.00.511.1.2	data
		SCI.9-	Communicate the components of a scientific
New Data	н	12.SC.PH.1.5	investigation, using appropriate techniques
			Analyze motion in terms of position, time,
		SCI.9-	velocity and acceleration, both quantitatively
New Data	HI	12.SC.PH.4.4	and qualitatively
			Analyze motion in terms of position, time,
1902: Success at		SCI.9-	velocity and acceleration, both quantitatively
Last	HI	12.SC.PH.4.4	and qualitatively
4000 D		001.0	Analyze motion in terms of position, time,
1903: Powered	L.,	SCI.9-	velocity and acceleration, both quantitatively
Flight	HI	12.SC.PH.4.4	and qualitatively

			Resolve two dimensional vectors into their
			components, and use the resultant vectors to
1903: Powered		SCI.9-	solve problems involving force and motion,
Flight	HI	12.SC.PH.4.7	both graphically and quantitatively
			Analyze motion in terms of position, time,
1904: Improvement		SCI.9-	velocity and acceleration, both quantitatively
in Dayton	HI	12.SC.PH.4.4	and qualitatively
			Resolve two dimensional vectors into their
			components, and use the resultant vectors to
1904: Improvement		SCI.9-	solve problems involving force and motion,
in Dayton	HI	12.SC.PH.4.7	both graphically and quantitatively